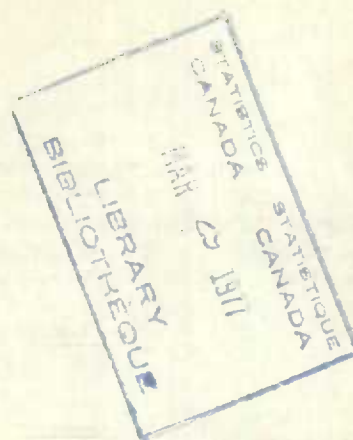


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NON-METALLIC MINERAL PRODUCTS
1958
GENERAL REVIEW

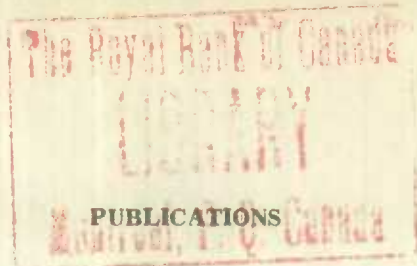
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The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Non-Metallic Mineral Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A - Annual

M - Monthly

Catalogue number	Title	Price
44 - 201	Non-Metallic Mineral Products - General Review (A) .....	.50
44 - 202	The Artificial Abrasives Industry (A) .....	.50
44 - 203	The Asbestos Products Industry (A) .....	.25
44 - 204	The Cement Manufacturing Industry (A) .....	.50
44 - 205	The Concrete Products Industry (A) .....	.50
44 - 207	The Glass and Glass Products Industry (A) .....	.50
44 - 208	The Gypsum Industry (A) .....	.50
44 - 206	The Clay and Clay Products Industry (A) .....	.50
44 - 209	The Lime Industry (A) .....	.50
26 - 214	The Salt Industry (A) .....	.50
26 - 217	The Stone Industry (A) .....	.50
44 - 210	The Miscellaneous Non-Metallic Mineral Products Industry (A) .....	.25
<hr/>		
26 - 001	Asbestos (M)	per year 1.00
26 - 007	Canada's Leading Minerals (M)	per year 1.00
26 - 009	Salt (M)	per year 1.00
44 - 001	Cement (M)	per year 1.00
44 - 002	Concrete Products (M)	per year 1.00
44 - 003	Gypsum Products (M)	per year 1.00
44 - 004	Mineral Wool (M)	per year 1.00
44 - 005	Products Made from Canadian Clays (M)	per year 1.00
47 - 001	Asphalt and Vinyl-Asbestos Floor Tiles (M)	per year 1.00
31 - 201	General Review of the Manufacturing Industries (A)	2.00
31 - 001	Inventories, Shipments and Orders in Manufacturing Industries (M)	per year 4.00
65 - 004	Trade of Canada - Exports (M)	per year 7.50
65 - 007	Trade of Canada - Imports (M)	per year 7.50

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

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The new Standard Industrial Classification, which has been used by the Dominion Bureau of Statistics in its compilations for 1949 and later years, provides for a separate Products of Petroleum and Coal group. This new major division includes the petroleum products industry and the coke and gas industry which were formerly classified to the Non-metallic Mineral Products group. The statistics for the Non-metallic Mineral Products group, from and including 1949, therefore, are not strictly comparable with those published previously.

The gross value of production from industries in this group was \$636 millions in 1958, an increase of 5.8 per cent over 1957. Employees numbered 40,858 in 1958 and their salaries and wages totalled \$162 millions. Materials for manufacturing cost \$219 millions and fuel and electricity cost \$52 millions.

Ten of the industries in this group showed increases in output values compared with 1957 and three industries registered declines. For the first group the values in millions of dollars (1957 in brackets) were as follows: Cement, \$99.9 (\$97.1); Concrete products, \$186.2 (\$162.9); Glass and glass products, \$93.9 (\$90.8); Gypsum, \$35.7 (\$29.6); Lime, \$20.3 (\$17.5); Products from domestic clays, \$41.7 (\$35.9); Products of imported clays, \$23.7 (\$19.9); Salt, \$17.0 (\$15.8); Sand-lime

brick, \$.9 (\$.9); and Stone products, \$29.4 (\$26.8). Three industries showed declines as follows: Abrasive products, \$37.2 (\$51.0); Asbestos products, \$27.7 (\$30.0) and Miscellaneous, \$23.5 (\$23.7).

In 1958 there were 1,248 establishments in this group. Ontario with 529 and production at \$327.6 millions accounted for 51.4 per cent of the total output and for 50.3 per cent of the employees. Quebec's 383 plants with 12,261 employees and production worth \$181.7 millions accounted for 30.0 per cent and 28.5 per cent respectively of the Canadian totals.

Note: In general, the net value of production or "Value added" figure is arrived at by subtracting from the value of shipments the cost of materials and supplies used and fuel and electricity used and adjusting for changes in inventory; however, for some industries the net value of production figure does not incorporate an adjustment for inventory. The industries in this latter group are as follows: Cement, Lime, Domestic Clays and Salt. Prior to 1956 the adjustments that were made used only the change in finished product inventory owned by manufacturers. In 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics for the Non-metallic Mineral Products Group, by Industries, 1957 and 1958

Industry	Plants	Employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of factory shipments	Net value of production ¹
	number		dollars				
1957							
Abrasive products	17	2,851	12,668,517	5,421,469	20,333,646	51,049,441	24,902,569
Asbestos products	17	2,222	8,311,653	853,483	13,693,806	29,988,123	15,275,224
Cement	17	3,516	15,669,235	19,692,658	16,193,942	97,079,041	61,192,441
Concrete products	649	10,369	36,925,763	5,304,965	79,467,786	162,897,684	77,917,728
Glass and glass products	115	7,946	28,317,234	4,973,762	34,881,568	90,823,646	51,191,256
Gypsum products	12	1,528	5,933,594	1,450,810	12,495,092	29,627,225	15,702,360
Lime	39	1,155	3,995,758	4,154,766	1,277,317	17,528,782	12,096,699
Miscellaneous	52	1,131	4,310,785	930,138	11,241,896	23,794,906	11,872,659
Products from domestic clays	111	4,239	14,745,105	6,020,971	958,936	35,922,158	28,942,251
Products from imported clays	34	2,011	7,467,873	972,781	6,458,465	19,932,788	13,055,535
Salt	12	875	3,495,303	1,141,665	2,501,549	15,842,049	12,198,835
Sand-lime brick	4	102	384,224	57,799	237,864	868,897	558,177
Stone products	152	2,175	8,088,141	993,863	10,240,047	26,809,997	15,715,533
Totals	1,231	40,120	150,313,185	51,969,130	209,981,914	602,164,737	340,621,267
1958							
Abrasive products	18	2,314	10,702,296	4,355,238	14,550,336	37,211,006	18,573,824
Asbestos products	16	1,924	7,545,988	879,444	12,236,863	27,609,862	14,888,807
Cement	16	3,485	16,359,760	19,009,008	14,758,308	99,943,850	66,176,534
Concrete products	684	11,819	44,807,114	6,020,897	91,364,354	186,235,051	91,419,385
Glass and glass products	102	7,879	30,328,355	4,636,867	36,085,066	93,818,849	53,165,011
Gypsum products	13	1,604	6,806,213	1,646,796	15,725,705	35,719,283	18,498,829
Lime	40	1,172	4,362,549	4,865,236	1,367,999	20,261,610	14,028,375
Miscellaneous	54	1,106	4,241,753	814,167	11,290,375	23,525,267	11,502,938
Products from domestic clays	112	4,249	15,734,143	6,457,139	1,065,692	41,709,903	34,187,072
Products from imported clays	36	2,173	8,613,571	965,412	6,692,281	23,686,970	16,088,014
Salt	13	870	3,575,977	1,069,615	2,748,081	16,957,157	13,139,461
Sand-lime brick	4	106	378,561	58,741	231,362	913,483	631,131
Stone products	137	2,157	8,355,347	1,396,647	10,567,422	29,404,039	17,573,288
Totals	1,248	40,858	161,811,627	52,175,207	218,683,844	636,996,330	369,872,669

¹ See note to text.

TABLE 2. Principal Statistics for the Non-metallic Mineral Products Group, by Provinces, 1957 and 1958

Province	Plants	Employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of factory shipments	Net value of production ¹
	number		dollars				
1957							
Newfoundland	11	278	1,005,139	347,181	969,922	2,996,815	1,660,396
Prince Edward Island	29	506	1,463,676	636,618	1,257,620	5,325,599	3,403,146
Nova Scotia	27	508	1,560,887	1,141,477	1,596,153	6,748,414	4,031,329
New Brunswick	373	11,985	43,285,850	16,629,855	63,289,682	173,936,404	95,096,144
Quebec	547	20,088	78,510,319	24,831,426	105,694,829	310,658,288	179,576,217
Manitoba	41	1,391	4,457,041	2,494,589	6,963,541	20,799,126	11,244,425
Saskatchewan	35	564	1,923,261	949,263	2,097,522	8,692,259	5,647,988
Alberta	73	2,752	9,803,621	1,992,040	15,815,007	42,493,158	24,694,825
British Columbia	95	2,048	8,283,391	2,946,681	12,297,638	30,514,674	15,266,797
Canada	1,231	40,120	150,313,185	51,969,130	209,981,914	602,164,737	340,621,267
1958							
Newfoundland	12	289	942,134	358,527	1,403,718	3,707,864	1,977,055
Prince Edward Island	36	581	1,648,935	613,901	1,438,611	6,444,638	4,367,707
Nova Scotia	32	558	1,789,004	1,108,459	1,775,631	7,258,643	4,388,050
New Brunswick	383	12,261	46,382,704	16,494,849	65,263,993	181,664,565	100,142,703
Quebec	529	20,569	85,270,288	28,145,790	108,789,010	327,648,231	195,575,266
Manitoba	46	1,368	5,074,269	2,022,275	8,302,194	23,156,318	13,097,164
Saskatchewan	33	610	2,193,217	921,116	2,737,172	11,755,323	8,070,843
Alberta	77	2,684	10,459,576	1,866,086	18,454,809	48,439,415	28,020,986
British Columbia	100	1,938	8,051,500	2,644,204	10,518,706	26,921,333	14,232,895
Canada	1,248	40,858	161,811,627	52,175,207	218,683,844	636,996,330	369,872,669

¹ See note to text.

TABLE 3. Inventories¹ in the Non-metallic Mineral Products Group, by Industries, 1958

Industry	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Abrasive products	5,111,043	907,360	2,672,354	8,690,757
Asbestos products	2,903,052	800,161	3,308,956	7,012,169
Cement	15,765,185	3,198,862	3,866,981	22,831,028
Concrete products	6,227,755	561,316	7,467,495	14,256,566
Glass and glass products	7,562,876	442,715	6,592,085	14,597,676
Gypsum products	2,380,339	45,003	673,154	3,098,496
Lime	1,389,687	38,113	205,673	1,633,473
Miscellaneous	3,531,198	344,148	1,854,770	5,730,116
Products from domestic clays	1,240,985	472,462	4,171,797	5,885,244
Products from imported clays	1,769,220	799,107	2,113,329	4,681,656
Salt	719,144	38,907	407,624	1,165,675
Sand-lime brick	47,830	1,748	32,839	82,417
Stone products	2,143,633	411,891	1,121,104	3,676,628
Totals	50,791,947	8,061,793	34,488,161	93,341,901
Closing:				
Abrasive products	4,195,434	880,881	2,967,225	8,043,540
Asbestos products	3,165,824	987,847	3,516,522	7,670,193
Cement	14,441,243	3,849,202	5,119,404	23,409,849
Concrete products	6,457,661	948,101	9,650,295	17,056,060
Glass and glass products	8,652,639	501,362	6,601,533	15,755,534
Gypsum products	2,321,503	58,409	811,795	3,191,707
Lime	1,462,661	40,645	219,077	1,722,383
Miscellaneous	3,497,624	439,245	1,841,886	5,778,755
Products from domestic clays	1,057,567	597,102	4,534,891	6,189,560
Products from imported clays	1,977,967	701,222	2,269,951	4,949,140
Salt	738,281	33,988	351,905	1,124,174
Sand-lime brick	39,039	2,225	40,113	81,377
Stone products	2,170,183	449,928	1,216,385	3,836,496
Totals	50,177,629	9,490,157	39,140,982	98,808,768

¹ See footnote to Table 4.TABLE 4. Inventories¹ in the Non-metallic Mineral Products Group, by Provinces, 1958

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Newfoundland	646,985	76,465	149,027	872,477
Prince Edward Island	264,372	4,953	403,943	673,268
Nova Scotia	786,718	41,277	370,992	1,198,987
New Brunswick	16,036,439	1,763,730	10,446,997	28,247,166
Quebec	24,770,733	4,104,963	16,768,544	45,644,240
Ontario	2,397,582	547,295	932,634	3,877,511
Manitoba	839,590	176,793	779,413	1,795,796
Saskatchewan	3,521,434	1,168,059	2,848,374	7,537,867
Alberta	1,528,094	178,258	1,788,237	3,494,589
British Columbia				
Canada	50,791,947	8,061,793	34,488,161	93,341,901
Closing:				
Newfoundland	643,076	122,169	178,875	944,120
Prince Edward Island	232,225	35,460	345,365	613,050
Nova Scotia	643,163	46,183	369,611	1,058,957
New Brunswick	16,325,038	2,403,264	10,463,600	29,191,902
Quebec	23,414,760	4,781,559	20,584,654	48,780,973
Ontario	2,555,346	418,225	1,281,715	4,255,286
Manitoba	989,163	229,554	639,861	1,858,578
Saskatchewan	3,442,170	1,083,342	2,714,493	7,240,005
Alberta	1,932,688	370,401	2,562,808	4,865,897
British Columbia				
Canada	50,177,629	9,490,157	39,140,982	98,808,768

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Non-metallic Mineral Products Group, for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones or the transfer of establishments to other industries for statistical purposes.

NON-METALLIC MINERAL PRODUCTS

TABLE 5. Employees and their Earnings in the Non-metallic Mineral Products Group, by Industries, 1957 and 1958

Industry	Employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Abrasive products	465	184	2, 112	90	2, 851	3, 731, 290	8, 937, 227	12, 668, 517
Asbestos products	382	138	1, 537	165	2, 222	2, 112, 135	6, 199, 518	8, 311, 653
Cement	382	80	3, 049	5	3, 516	2, 626, 765	13, 042, 470	15, 669, 235
Concrete products	1, 899	339	8, 094	37	10, 369	9, 451, 102	27, 474, 661	36, 925, 763
Glass and glass products	896	513	5, 482	1, 055	7, 946	5, 904, 917	22, 412, 317	28, 317, 234
Gypsum products	327	119	1, 081	1	1, 528	1, 996, 351	3, 937, 243	5, 933, 594
Lime	111	14	1, 029	1	1, 155	468, 793	3, 526, 965	3, 995, 758
Miscellaneous	245	85	703	98	1, 131	1, 681, 669	2, 629, 116	4, 310, 785
Products from domestic clays	470	103	3, 604	62	4, 239	2, 589, 879	12, 155, 226	14, 745, 105
Products from imported clays	282	90	1, 283	356	2, 011	1, 763, 672	5, 704, 201	7, 467, 873
Salt	189	51	591	44	875	1, 116, 637	2, 378, 666	3, 495, 303
Sand-lime brick	15	—	87	—	102	64, 279	319, 945	384, 224
Stone products	454	121	1, 587	13	2, 175	2, 628, 582	5, 459, 559	8, 088, 141
Totals	6, 117	1, 837	30, 239	1, 927	40, 120	36, 136, 071	114, 177, 114	150, 313, 185
1958								
Abrasive products	445	145	1, 636	88	2, 314	3, 589, 485	7, 112, 811	10, 702, 296
Asbestos products	316	106	1, 345	157	1, 924	1, 979, 264	5, 566, 724	7, 545, 988
Cement	463	101	2, 917	4	3, 485	3, 340, 160	13, 019, 600	16, 359, 760
Concrete products	2, 139	430	9, 167	83	11, 819	11, 493, 353	33, 313, 761	44, 807, 114
Glass and glass products	973	463	5, 408	1, 035	7, 879	6, 399, 481	23, 928, 874	30, 328, 355
Gypsum products	339	121	1, 143	1	1, 604	2, 209, 181	4, 597, 032	6, 806, 213
Lime	106	19	1, 046	1	1, 172	507, 011	3, 855, 538	4, 362, 549
Miscellaneous	241	75	669	121	1, 106	1, 666, 402	2, 575, 351	4, 241, 753
Products from domestic clays	465	103	3, 621	60	4, 249	2, 756, 316	12, 977, 827	15, 734, 143
Products from imported clays	307	100	1, 423	343	2, 173	2, 052, 237	6, 561, 334	8, 613, 571
Salt	191	46	589	44	870	1, 152, 596	2, 423, 381	3, 575, 977
Sand-lime brick	13	1	92	—	106	59, 144	319, 417	378, 561
Stone products	483	121	1, 534	19	2, 157	2, 721, 832	5, 633, 515	8, 355, 347
Totals	6, 481	1, 831	30, 590	1, 956	40, 858	39, 926, 462	121, 885, 165	161, 811, 627

TABLE 6. Employees and their Earnings in the Non-metallic Mineral Products Group, by Provinces, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Newfoundland	40	11	226	1	278	220, 262	784, 877	1, 005, 139
Prince Edward Island								
Nova Scotia	72	12	409	13	506	316, 296	1, 147, 380	1, 463, 676
New Brunswick	60	7	424	17	508	259, 345	1, 321, 542	1, 580, 887
Quebec	1, 607	489	9, 337	552	11, 985	8, 558, 389	34, 727, 461	43, 285, 850
Ontario	3, 288	1, 076	14, 735	1, 009	20, 088	21, 267, 759	57, 242, 560	78, 510, 319
Manitoba	205	66	1, 100	20	1, 391	986, 625	3, 470, 416	4, 457, 041
Saskatchewan	128	20	409	7	564	537, 583	1, 385, 678	1, 923, 261
Alberta	498	90	1, 974	280	2, 752	2, 198, 166	7, 605, 455	9, 803, 621
British Columbia	329	66	1, 625	28	2, 048	1, 791, 646	6, 491, 745	8, 283, 391
Canada	6, 117	1, 837	30, 239	1, 927	40, 120	36, 136, 071	114, 177, 114	150, 313, 185
1958								
Newfoundland	50	11	228	—	289	241, 718	700, 416	942, 134
Prince Edward Island								
Nova Scotia	80	8	472	21	581	329, 447	1, 319, 488	1, 648, 935
New Brunswick	71	14	442	31	558	332, 600	1, 456, 404	1, 789, 004
Quebec	1, 675	467	9, 534	585	12, 261	9, 125, 974	37, 256, 730	46, 382, 704
Ontario	3, 509	1, 088	14, 974	998	20, 569	23, 644, 003	61, 626, 285	85, 270, 288
Manitoba	228	54	1, 044	42	1, 368	1, 266, 647	3, 807, 622	5, 074, 269
Saskatchewan	120	27	457	6	610	662, 202	1, 531, 015	2, 193, 217
Alberta	402	88	1, 946	248	2, 684	2, 335, 213	8, 124, 363	10, 459, 576
British Columbia	346	74	1, 493	25	1, 938	1, 988, 658	6, 062, 842	8, 051, 500
Canada	6, 481	1, 831	30, 590	1, 956	40, 858	39, 926, 462	121, 885, 165	161, 811, 627

TABLE 7. Production and Related Workers (Wage-earners) in the Non-metallic Mineral Products Group, by Months and by Industries, 1957 and 1958¹

Industry	January	February	March	April	May	June	July
	number						
1957							
Abrasive products	2,248	2,225	2,251	2,254	2,289	2,290	2,268
Asbestos products	1,815	1,836	1,769	1,764	1,753	1,744	1,377
Cement	2,910	2,935	2,965	3,037	3,172	3,208	3,344
Concrete products	6,305	6,299	6,796	7,805	8,789	9,262	9,544
Glass and glass products	6,405	6,288	6,107	6,606	6,731	6,834	6,809
Gypsum products	990	982	939	1,067	1,082	1,139	1,172
Lime	981	979	1,021	1,035	1,063	1,068	1,031
Miscellaneous	738	696	732	772	770	853	856
Products from domestic clays	2,985	2,836	3,045	3,219	3,959	4,153	4,219
Products from imported clays	1,703	1,736	1,743	1,721	1,674	1,632	1,359
Salt	706	658	574	535	576	561	651
Sand-lime brick	80	79	94	69	90	98	79
Stone products	1,383	1,452	1,475	1,598	1,601	1,683	1,734
Totals	29,249	29,001	29,531	31,482	33,549	34,525	34,443
1958							
Abrasive products	1,876	1,847	1,816	1,775	1,696	1,678	1,805
Asbestos products	1,461	1,457	1,381	1,452	1,553	1,579	1,558
Cement	2,737	2,779	2,750	2,872	3,049	3,136	3,010
Concrete products	5,874	6,000	6,550	7,588	8,505	8,983	9,433
Glass and glass products	6,139	5,966	6,109	6,299	5,652	5,749	6,263
Gypsum products	1,036	1,037	1,051	1,110	1,140	1,190	1,243
Lime	950	963	987	1,026	1,076	1,083	1,081
Miscellaneous	733	747	740	688	706	742	746
Products from domestic clays	2,901	2,825	3,060	3,471	3,888	4,130	4,136
Products from imported clays	1,541	1,585	1,600	1,665	1,720	1,733	1,705
Salt	649	622	562	570	597	602	624
Sand-lime brick	88	80	89	88	90	97	95
Stone products	1,208	1,190	1,185	1,202	1,255	1,291	1,328
Totals	27,193	27,098	27,870	29,806	30,927	31,993	32,827
	August	September	October	November	December	Average for year	
1957							
Abrasive products	2,273	2,196	2,071	2,041	2,005	2,202	
Asbestos products	1,743	1,788	1,748	1,714	1,358	1,702	
Cement	3,309	3,237	2,957	2,831	2,737	3,054	
Concrete products	9,448	9,057	8,900	8,219	6,943	8,131	
Glass and glass products	6,759	6,370	6,583	6,560	6,399	6,537	
Gypsum products	1,210	1,170	1,137	1,077	1,039	1,082	
Lime	1,021	1,041	1,051	1,063	957	1,030	
Miscellaneous	863	829	854	850	813	801	
Products from domestic clays	4,195	4,122	3,910	3,772	3,308	3,666	
Products from imported clays	1,611	1,634	1,681	1,626	1,561	1,639	
Salt	684	675	669	680	678	635	
Sand-lime brick	101	88	101	89	86	87	
Stone products	1,729	1,715	1,690	1,605	1,478	1,600	
Totals	34,946	33,927	33,332	32,127	29,362	32,166	
1958							
Abrasive products	1,643	1,654	1,622	1,697	1,791	1,791	
Asbestos products	1,521	1,571	1,520	1,503	1,476	1,476	
Cement	3,134	3,069	2,994	2,879	2,645	2,645	
Concrete products	9,239	8,893	8,621	8,130	6,892	6,892	
Glass and glass products	6,549	6,774	6,394	6,589	6,786	6,786	
Gypsum products	1,236	1,224	1,203	1,148	1,136	1,136	
Lime	1,074	1,094	1,116	1,099	1,029	1,029	
Miscellaneous	731	738	730	689	649	649	
Products from domestic clays	4,098	4,036	3,953	3,943	3,554	3,554	
Products from imported clays	1,744	1,769	1,778	1,743	1,735	1,735	
Salt	631	673	677	692	694	694	
Sand-lime brick	99	99	96	97	76	76	
Stone products	1,347	1,351	1,382	1,329	1,261	1,261	
Totals	33,046	32,945	32,086	31,538	29,724	29,724	

¹ See footnote to Table 8.

TABLE 8. Production and Related Workers (Wage-earners) in the Non-metallic Mineral Products Group, by Months and by Provinces, 1957 and 1958¹

Province	January	February	March	April	May	June	July
	number						
1957							
Newfoundland	179	176	167	229	298	296	345
Prince Edward Island	430	381	334	348	384	409	463
Nova Scotia							
New Brunswick	379	370	375	431	446	483	492
Quebec	8,880	8,874	9,112	9,504	10,255	10,656	10,246
Ontario	14,568	14,347	14,432	15,572	16,382	16,719	16,716
Manitoba	977	993	992	1,050	1,176	1,259	1,301
Saskatchewan	330	301	317	403	477	528	529
Alberta	2,084	2,063	2,160	2,262	2,416	2,471	2,553
British Columbia	1,422	1,496	1,642	1,683	1,715	1,704	1,798
Canada	29,249	29,001	29,531	31,482	33,549	34,523	34,443
1958							
Newfoundland	110	106	126	219	227	240	240
Prince Edward Island	338	341	277	302	375	458	494
Nova Scotia							
New Brunswick	343	333	350	378	431	446	452
Quebec	8,475	8,551	8,741	9,066	9,823	10,053	10,094
Ontario	14,054	13,811	14,219	15,227	14,998	15,329	15,944
Manitoba	761	847	873	1,012	1,164	1,281	1,326
Saskatchewan	295	298	320	401	425	471	486
Alberta	1,600	1,538	1,732	1,901	2,110	2,285	2,458
British Columbia	1,217	1,273	1,232	1,300	1,374	1,430	1,338
Canada	27,193	27,098	27,870	29,806	30,927	31,993	32,827
	August	September	October	November	December	Average for year	
	number						
1957							
Newfoundland	256	255	202	196	129	227	
Prince Edward Island	457	467	465	490	398	422	
Nova Scotia							
New Brunswick	494	479	466	456	423	441	
Quebec	10,710	10,430	10,446	10,202	9,247	9,889	
Ontario	16,810	16,373	16,271	15,904	14,617	15,744	
Manitoba	1,337	1,268	1,164	987	927	1,120	
Saskatchewan	490	439	424	396	329	416	
Alberta	2,508	2,410	2,194	1,981	1,869	2,254	
British Columbia	1,884	1,801	1,700	1,515	1,423	1,653	
Canada	34,946	33,922	33,332	32,127	29,362	32,166	
1958							
Newfoundland	249	244	245	231	168		
Prince Edward Island	529	552	542	540	501		
Nova Scotia							
New Brunswick	457	445	411	398	368		
Quebec	9,965	9,866	9,754	9,566	9,042		
Ontario	16,153	16,293	15,733	15,809	16,159		
Manitoba	1,244	1,212	1,176	970	880		
Saskatchewan	458	430	420	359	340		
Alberta	2,525	2,437	2,348	2,271	1,950		
British Columbia	1,466	1,466	1,457	1,394	1,316		
Canada	33,046	32,945	32,086	31,538	29,724		

¹ Data for 1958 are not strictly comparable to those of 1957 since they relate only to establishments generally reporting value of factory shipments of \$100,000 and over. For total average number of production workers (including estimates for small firms) see Tables 5 and 6.

TABLE 9. Principal Materials¹ Used in the Industries in the Non-metallic Mineral Products Group, 1957 and 1958

Material	1957		1958		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Abrasive grains, artificial:					
For wheels, paper, etc.:					
Fused alumina	ton	2,748	798,644	1,656	440,657
Silicon carbide	"	2,682	621,083	3,237	761,568
Abrasive grains, natural:					
Garnet	lb.	434,474	59,276	504,519	78,781
Emery	"	121,015	10,946	86,905	8,938
Quartz or flint	"	296,161	10,065	289,779	10,004
Other	"	—	1,800	—	1,306
Alumina, pure	ton	10,766	1,013,621	2,999	283,573
Asbestos:					
Fibre	"	32,722	4,875,464	29,861	4,451,111
Cloth	"	7	13,413	10	18,816
Paper	"	2,328	288,693	2,483	344,677
Yarn	"	684	1,070,302	625	950,354
Arsenic	lb.	337,331	20,112	269,344	16,164
Barytes	ton	301	13,185	215	10,234
Bauxite	"	232,528	7,031,789	135,517	4,084,683
Borax	"	1,798	187,469	1,799	188,809
Bonding and bushing materials (for abrasive wheels, etc.):					
Clay bonds	"	443	63,828	436	54,452
Bakelite and other synthetic resins	"	214	161,488	251	170,946
Lead for bushings	"	35	11,135	33	9,343
Glue	"	541	263,429	557	280,348
Other	"	—	39,878	..	39,023
Cement, Portland, used in the concrete products industry	bag	45,596,913	40,716,108	49,498,805	44,372,644
Cinders	cu. yd.	173,287	350,178	271,945	588,300
Clays, imported:					
Ball	ton	10,253	290,212	11,819	363,399
China	"	7,491	256,611	8,650	290,679
Fireclay	"	30,149	368,143	17,329	239,752
Saggar	"	463	12,170	430	11,690
Other	"	3,850	134,318	3,650	151,280
Clays, Canadian:					
China	"	800	8,000	—	—
Fireclay	"	121	2,585	268	3,488
Other	"	—	211,990	..	137,449
Coal (not for fuel):					
Anthracite	ton	260	2,362	204	1,445
Bituminous	"	9,753	113,806	11,364	143,146
Coke (not for fuel):					
Petroleum	"	92,337	2,100,606	79,453	1,663,429
Other	"	35,569	667,114	28,865	621,905
Cobalt oxide	lb.	5,122	9,619	5,721	8,747
Cotton cloth and yarn	"	—	964,074	..	1,264,422
Cullett	ton	22,214	300,179	22,990	290,489
Electrodes	"	4,126	1,200,577	2,324	686,825
Firebrick, ground, broken and scrap	"	—	462,731	..	499,672
Feldspar	ton	12,587	366,726	9,450	322,764
Fluorspar	"	628	40,300	455	30,247

See footnote at end of table.

TABLE 9. Principal Materials¹ Used in the Industries in the Non-metallic Mineral Products Group, 1957 and 1958 - Concluded

Material	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Glass:				
Bevelled or polished edge plates	-	644,726	-	961,344
Bevelled or polished edge sheets	-	166,399	-	171,680
Figured and cathedral glass, leaded glass, etc.	-	79,428	-	96,589
Blanks for making cut glass	-	577,702	-	561,128
Tubing	-	309,249	-	154,359
Plate glass for bevelling, silvering, laminating, etc.	-	8,859,586	-	9,393,542
Sheet glass for bevelling, silvering, laminating, etc.	-	2,309,618	-	2,269,582
Gypsum, crude	ton 831,910	3,920,799	971,982	5,156,906
Hair	" 99	20,000	110	22,026
Hardware for porcelain insulators	-	1,612,770	-	1,504,925
Iron borings	ton 18,063	602,236	12,296	355,696
Lime	" 51,098	750,285	53,723	812,148
Mica	" 39	76,000	61	51,955
Nepheline syenite	" 18,151	535,897	26,762	685,225
Paper	-	5,415,156	-	6,705,939
Sand and gravel for concrete products	cu. yd. 8,117,537	15,532,983	10,175,582	20,464,445
Sand, silica, and ground quartz	ton 487,951	3,692,171	411,621	3,782,316
Sawdust	-	102,006	..	95,257
Slag and stone for mineral wool	ton 90,261	452,007	102,020	471,298
Silver nitrate	-	109,860	-	72,876
Starch or paste	ton 1,783	342,195	2,813	451,292
Sodium silicate	" 1,653	100,108	845	33,710
Sodium sulphate (salt cake)	" 2,381	83,897	2,645	93,763
Stone:				
From Canadian quarries	-	1,560,782	-	1,496,501
Imported	-	1,158,016	-	1,084,741
Stone, crushed	ton 4,158,973	7,493,704	3,890,984	6,872,552
Steel, reinforcing	-	3,894,475	..	4,544,882
Talc	ton 5,247	216,472	5,384	226,716
Wax	-	7,456	..	4,040
Containers and packing material	-	16,237,515	..	16,694,687
All other materials ¹	-	67,984,377	..	69,496,123
Totals	-	209,981,914	..	218,683,844

¹ Details of materials used in the Cement, Domestic Clays, Lime and Salt Industries are not available separately. Totals for these industries are included under "All other materials". Containers used in these industries are included under the relevant item.

TABLE 10. Principal Products Made in the Industries in the Non-metallic Mineral Products Group, 1957 and 1958

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Alumina, fused, crude	ton 218,187	21,902,425	109,507	10,994,270
Asbestos products:				
Asbestos brake linings (automotive type only):				
Moulded	3,238,687	..	3,398,092
Other	343,161	..	329,611
Boiler and pipe coverings (asbestos only)	1,786,790	..	880,872
Asbestos clutch facings
Asbestos gaskets	110,364	..	93,714
Asbestos packings of all kinds	692,265	..	654,513
Asbestos textile products (cloth; clothing, dryer felts, yarn, pipe line felt, listings, thermo wrap pipe covering)	5,100,432	..	4,091,471
Asbestos paper products (millboard and paper)	562,264	..	641,104

TABLE 10 Principal Products Made in the Industries in the Non-metallic Mineral Products Group,
1957 and 1958 - Continued

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Blocks, building:				
Concrete:				
Cinder	M 16,952	3,237,337	17,841	3,342,162
Gravel	" 111,554	24,492,308	132,189	29,163,352
Other aggregates (haydite, slag, etc.)	" 22,633	5,506,534	24,031	5,808,511
Sand-lime	" 705	141,010	510	108,355
Clay	ton 183,558	3,575,748	159,114	3,118,197
Concrete structural shapes, n.e.s.	-	7,063,256	...	6,011,656
Blocks, chimney, concrete	M 1,195	753,925	1,339	837,758
Boron carbide .....		.		.
Bricks, building:				
Clay	M 473,728	22,590,169	547,673	27,482,319
Concrete	" 116,077	4,692,108	180,386	6,943,835
Sand-lime	" 26,600	766,987	27,283	805,128
Bricks and shapes, refractory, rigid:				
From Canadian clay	-	913,559	-	638,817
Other (chrome, magnesite, imported clay)	ton 77,110	9,209,635	63,183	7,465,955
Bricks, paving, clay	M 190	15,493	181	14,325
Cement, Portland	ton 6,049,098	93,167,477	6,153,421	96,414,142
Cements, refractory	" 27,472	2,811,896	21,825	2,456,174
Clay:				
Fire-clay	" 5,600	44,143	8,190	44,737
Other clay (includes bentonite)	-	511,491	..	524,732
Cloth, abrasive .....		.		.
Concrete, ready-mixed	cu. yd. 6,873,951	82,755,860	7,390,482	91,361,517
Crayons, chalk and wax .....		.		.
Diamonds, cut and polished .....		.		.
Dolomite, dead-burned .....		.		.
Facings, foundry	-	668,706	-	643,962
Ferrosilicon	ton 23,789	1,337,232	12,488	690,356
Flue lining	-	996,743	..	1,691,440
Frit, enamel .....		.		.
Gas, Pintsch (oil)	M cu. ft. 22,844	374,797	18,100	348,624
Glass:				
Bevelled or polished edge plate .....	..	559,236	..	629,506
Bevelled or polished edge sheet .....	..	584,099	..	401,155
Leaded, including memorial windows .....	..	261,727	..	248,679
Cut (tumblers, bowls, etc.) .....	..	1,091,601	..	985,489
Pressed and blown (including bottles, sealers, ovenware, window glass, etc.) .....	..	53,591,106	..	57,675,106
Safety (laminated, etc.) .....		.		.
Glassware, for druggists, physicians and laboratories .....	..	624,108	..	526,702
Glassware, decorated .....	..	957,734	..	821,714
Granules, roofing .....		.		.
Insulators, electrical porcelain .....	..	6,114,427	..	6,245,412
Lath, gypsum	sq. ft. 322,401,967	9,744,059	395,449,386	12,001,022
Lime:				
Quick	ton 1,074,338	13,048,505	1,258,089	15,371,452
Hydrated	" 304,279	3,630,109	338,333	4,094,371

TABLE 10. Principal Products Made in the Industries in the Non-metallic Mineral Products Group,
1957 and 1958 - Continued

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Magnesia, fused .....		.		.
Mica (plate, etc.) .....		.		.
Mirrors:				
Plate glass .....	..	3,490,846	..	3,879,121
Sheet glass .....	..	1,253,834	..	955,456
Monuments, cut and polished:				
Granite .....	..	4,081,481	..	4,351,750
Limestone .....	..	29,640	..	22,764
Marble .....	..	500,015	..	591,267
Monuments, bases and markers, semi-finished .....	..	179,201	..	153,846
Monuments, lettered only .....	..	724,962	..	520,971
Oil, core and core compound .....	..	170,907	..	85,372
Ornaments, christmas tree .....		.		.
Paper, abrasive .....		.		.
Pipe:				
Asbestos-cement .....		.		.
Concrete (drain, water, sewer, etc.) .....	..	18,967,237	..	24,543,719
Clay .....	..	3,122,708	..	3,432,526
Plaster, gypsum:				
Hard wall	ton 185,004	3,912,453	230,641	5,109,274
Other	" 84,992	2,285,344	73,643	1,891,768
Pottery .....	...	6,969,111	...	10,633,838
Pulpstones, artificial .....		.		.
Salt:				
Brine	ton 544,396	1,026,295	1,132,033	1,319,012
Dry	" 1,227,163	12,963,408	1,243,159	13,670,530
Sheathing gypsum	sq. ft. 9,976,348	399,610	13,409,572	542,914
Shingles, asbestos .....		.		.
Silicon carbide, crude	ton 83,321	11,828,656	77,528	11,676,630
Silicon carbide firesand .....		.		.
Stone, cast .....	..	4,591,785	...	5,638,850
Stone, building:				
Granite .....	..	1,440,034	..	1,217,137
Limestone .....	..	1,386,496	..	2,776,258
Marble .....	..	1,099,963	..	1,080,612
Sandstone .....		.		.
Stones and files, sharpening .....	..	308,067		256,585
Stucco, cement .....	..	126,109		122,855
Tile, floor and wall .....	..	3,139,241	..	3,033,582
Tile and blocks, gypsum .....		.		.
Tile, drain, clay	M 51,990	2,983,953	62,351	3,589,855
Tubs, laundry, concrete	No. 65,471	743,913	83,136	829,585
Vaults, burial, concrete	" 4,063	207,051	9,123	465,101
Wallboard, asbestos-cement .....		.		.
Wallboard, gypsum	sq. ft. 304,591,116	12,003,760	375,003,665	14,897,820
Wheels and segments, abrasive .....	..	7,100,348	..	8,013,543

TABLE 10. Principal Products Made in the Industries in the Non-metallic Mineral Products Group, 1957 and 1958 - Concluded

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Wool, mineral:				
4-inch batts sq. ft.	5,689,905	316,998	5,924,969	334,608
3-inch batts "	60,077,937	2,526,442	70,928,712	3,105,466
2-inch batts "	155,709,091	6,161,288	194,947,632	6,828,769
Granulated cu. ft.	9,335,924	1,519,573	12,273,008	1,764,255
Bulk or loose "	1,072,173	157,094	713,521	121,419
Industrial		4,361,673	..	4,699,018
All other products		45,597,518	...	44,263,579
Products reported by only one or two firms in this group (marked* above)		44,917,828	...	46,776,371
Totals		602,164,737	...	636,996,330

TABLE 11. Capital and Repair Expenditures in the Non-metallic Mineral Products Group, 1957 and 1958

Industry	Capital expenditures			Repair expenditures			Total capital and repair expenditures
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	
	thousands of dollars						
1957							
Abrasive products	1,274	1,947	3,221	108	2,472	2,580	5,801
Asbestos products	1,925	2,578	4,503	74	760	834	5,337
Cement	13,108	22,367	35,475	529	9,643	10,172	45,647
Concrete products	2,659	8,497	11,156	793	9,879	10,672	21,828
Glass and glass products	1,270	2,275	3,545	455	5,511	5,966	9,511
Gypsum products	774	1,717	2,491	23	1,145	1,168	3,659
Lime	296	2,629	2,925	186	1,186	1,372	4,297
Miscellaneous	527	828	1,355	31	358	389	1,744
Products from domestic clays	2,567	2,422	4,989	516	2,317	2,833	7,822
Products from imported clays	1,881	2,075	3,956	142	461	603	4,559
Salt	2,796	734	3,530	106	939	1,045	4,575
Sand-lime brick	-	55	55	3	88	91	146
Stone products	354	1,085	1,439	176	1,170	1,346	2,785
Totals	29,431	49,209	78,640	3,142	35,929	39,071	117,711
1958							
Abrasive products	254	603	857	90	1,583	1,673	2,530
Asbestos products	97	1,330	1,427	125	1,009	1,134	2,561
Cement	4,448	4,057	8,505	429	7,221	7,650	16,155
Concrete products	1,859	8,526	10,385	837	9,370	10,207	20,592
Glass and glass products	1,633	2,615	4,248	414	5,530	5,944	10,192
Gypsum products	953	1,549	2,502	28	1,041	1,069	3,571
Lime	201	1,665	1,866	143	1,244	1,387	3,253
Miscellaneous	182	244	426	29	282	311	737
Products from domestic clays	648	2,095	2,743	487	2,247	2,734	5,477
Products from imported clays	682	1,035	1,717	103	420	523	2,240
Salt	3,260	887	4,147	166	933	1,099	5,246
Sand-lime brick	15	39	54	5	75	80	134
Stone products	103	1,248	1,351	173	1,220	1,393	2,744
Totals	14,335	25,893	40,228	3,029	32,175	35,204	75,432

Note: Data shown in the above table are final figures and, therefore, may differ to some extent from the preliminary figures shown in the bulletin for the individual industries.

TABLE 12. Fuel and Electricity Used in the Manufacture of Non-metallic Mineral Products in Canada, by Industries and by Provinces, 1958¹

No.		Bituminous coal		Sub-bituminous coal from Alberta mines only	Anthracite coal	Lignite coal	Coke (for fuel only)	Gasoline (including gasoline used in cars and trucks)
		From Canadian mines	Imported					
		tons						Imp. gal.
(a) By industries								
1	Abrasive products:							
2	Quantity	350	6,111	—	130	—	200	62,582
	Cost	4,400	82,116	—	2,565	—	2,600	23,067
3	Asbestos products:							
4	Quantity	65	18,600	—	46	—	—	51,176
	Cost	878	207,928	—	698	—	—	16,290
5	Cement:							
6	Quantity	521,552	548,293	—	—	—	55	237,064
	Cost	5,804,183	5,766,789	—	—	—	2,161	69,360
7	Concrete products:							
8	Quantity	6,148	13,452	17	1,070	40	289	8,388,429
	Cost	85,043	202,292	302	17,006	360	5,581	2,953,812
9	Glass and glass products:							
10	Quantity	—	4,484	44	385	—	109	253,348
	Cost	—	61,377	676	4,904	—	2,535	94,507
11	Gypsum products:							
12	Quantity	2,903	9,676	—	57	13,870	—	109,499
	Cost	41,061	130,029	—	839	74,334	—	30,915
13	Lime:							
14	Quantity	22,725	163,420	3,978	6,232	6,126	31,449	1,863,512
	Cost	298,219	2,120,139	32,571	100,115	35,255	630,703	737,360
15	Miscellaneous:							
16	Quantity	452	15,900	—	16	—	—	139,438
	Cost	5,700	208,900	—	400	—	—	54,112
17	Products from domestic clays:							
18	Quantity	19,375	117,061	416	58	1,345	521	869,448
	Cost	283,678	1,660,674	3,746	1,704	7,654	8,840	292,017
19	Products from imported clays:							
20	Quantity	1,211	10,773	—	780	—	1	33,336
	Cost	15,762	139,746	—	11,605	—	26	14,110
21	Salt:							
22	Quantity	16,861	25,175	—	—	—	—	20,525
	Cost	183,974	253,381	—	—	—	—	5,710
23	Sand-lime brick:							
24	Quantity	—	1,670	—	—	—	—	2,450
	Cost	—	20,037	—	—	—	—	877
25	Stone products:							
26	Quantity	1,016	239	4	38	—	306	211,711
	Cost	14,312	4,196	70	1,086	—	7,030	83,650
27	Total 1958:							
	Quantity	592,658	934,854	4,459	8,812	21,381	32,930	12,242,518
28	Cost	6,737,210	10,857,604	37,365	140,922	117,603	659,476	4,375,791
(b) By provinces								
29	Newfoundland:							
30	Quantity	—	—	—	—	—	55	64,732
	Cost	—	—	—	—	—	2,161	28,554
31	Prince Edward Island:							
32	Quantity	—	—	—	—	—	—	—
	Cost	—	—	—	—	—	—	—
33	Nova Scotia:							
34	Quantity	25,841	—	—	—	—	—	32,136
	Cost	305,613	—	—	—	—	—	11,131
35	New Brunswick:							
36	Quantity	35,833	—	—	—	—	—	108,905
	Cost	437,045	—	—	—	—	—	39,571
37	Quebec:							
38	Quantity	439,278	52,965	—	7,630	—	984	3,153,110
	Cost	5,041,974	795,426	—	121,544	—	18,390	1,141,485
39	Ontario:							
40	Quantity	4,149	872,973	17	1,079	—	29,634	7,277,853
	Cost	53,538	9,905,820	302	17,841	—	588,761	2,611,891
41	Manitoba:							
42	Quantity	706	8,916	79	57	20,743	1,985	233,040
	Cost	10,759	156,358	396	839	114,035	44,640	85,547
43	Saskatchewan:							
44	Quantity	2,023	—	418	—	638	250	198,352
	Cost	27,118	—	3,746	—	3,568	5,000	75,505
45	Alberta:							
46	Quantity	225	—	3,899	—	—	—	520,897
	Cost	1,566	—	32,175	—	—	—	184,636
47	British Columbia:							
48	Quantity	84,603	—	48	46	—	23	653,493
	Cost	859,597	—	746	698	—	524	197,471
49	Total 1958:							
	Quantity	592,658	934,854	4,459	8,812	21,381	32,930	12,242,518
50	Cost	6,737,210	10,857,604	37,365	140,922	117,603	659,476	4,375,791

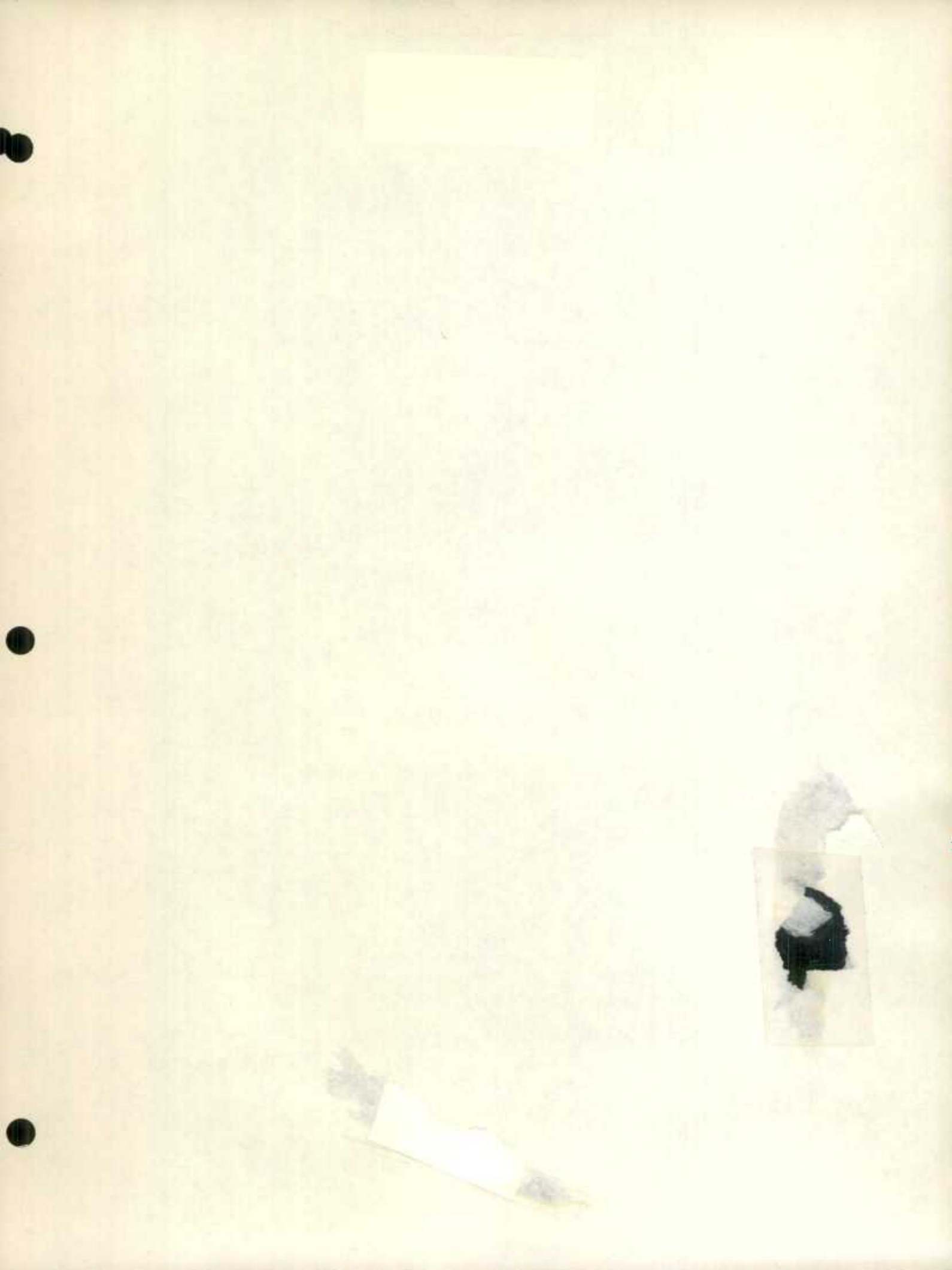
¹ Data in this table relate only to establishments generally reporting value of shipments of \$100,000 and over. For total value of fuel and electricity used (including estimates for small firms) see Tables 1 and 2.

TABLE 12. Fuel and Electricity Used in the Manufacture of Non-metallic Mineral Products in Canada, by Industries and by Provinces, 1958¹

Fuel oil (not including lubricating oil)	Wood (cords of 128 cubic ft. of oiled wood)	Gas			Other fuel	Electricity		Steam purchased	No.
		Liquefied petroleum gases (pro- pane, etc.)	Other manu- factured gas	Natural gas		Purchased	Generated for own use		
Imp. gal.	cords	Imp. gal.	M cu. ft.			kwh.	\$		
683,271	—	5,182	430	42,241	—	902,249,335	—	—	1
85,110	—	2,040	961	43,325	184	4,084,117	—	24,753	2
3,619,481	409	156,112	—	18,104	—	46,342,970	—	—	3
301,985	5,425	25,382	—	14,834	2,219	303,805	—	—	4
12,251,257	—	4,314	—	7,142,567	—	721,827,507	1,377,830	—	5
1,107,740	—	1,282	—	1,662,107	—	4,595,386	—	—	6
7,555,832	728	205,091	345	322,666	—	48,389,269	—	—	7
1,162,501	5,197	40,061	585	145,385	81,216	667,047	—	19,713	8
28,678,062	—	31,814	120,271	1,011,449	—	148,397,524	—	—	9
2,616,334	—	7,549	95,743	729,278	19,088	965,743	—	1,260	10
10,065,462	—	4,012	—	152,370	—	45,028,483	—	—	11
858,677	—	1,357	—	30,775	90,767	388,042	—	—	12
1,232,158	15,209	2,176	799,000	222,785	—	30,232,061	4,021,000	—	13
146,551	118,676	449	203,242	79,509	10,307	352,140	—	—	14
2,169,270	—	8,536	300	70,426	—	15,239,668	—	—	15
244,684	—	960	318	31,031	199	182,741	—	—	16
19,426,470	20,068	41,313	—	3,839,940	—	68,322,727	52,650	—	17
1,994,090	192,507	26,302	—	1,141,476	409	844,040	—	—	18
2,858,166	—	37,874	19,812	166,383	—	29,125,243	—	—	19
363,717	—	15,416	22,710	124,828	1,813	227,393	—	—	20
3,448,050	—	—	—	659,374	—	22,214,705	10,271,430	—	21
334,567	—	—	—	109,187	—	182,796	—	—	22
249,610	—	—	—	—	—	699,214	—	—	23
24,185	—	—	—	—	—	13,642	—	—	24
3,221,223	—	2,363,862	500	61,348	—	31,013,961	—	—	25
341,944	—	169,072	1,000	36,337	476	368,135	—	297,796	26
95,258,312	36,414	2,860,286	940,658	13,709,653	—	2,109,082,687	15,722,910	—	27
9,588,085	321,805	289,870	324,559	4,148,072	206,680	13,395,027	—	343,522	28
3,520,269	—	—	—	—	—	10,322,316	—	—	29
246,905	—	—	—	—	—	76,007	—	—	30
—	—	—	—	—	—	—	—	—	31
—	—	—	—	—	—	—	—	—	32
1,861,550	—	—	—	—	—	3,614,184	4,504,830	—	33
218,002	—	—	—	—	478	63,549	—	—	34
1,546,011	7,730	1,536	—	—	—	26,525,254	96,000	—	35
164,421	76,539	726	—	—	—	369,967	—	—	36
45,278,491	7,544	21,713	920,101	132,357	—	817,956,684	—	—	37
4,296,331	56,395	4,505	300,340	130,909	51,248	4,350,582	—	—	38
31,722,246	19,279	2,763,899	20,457	3,202,266	—	1,015,274,404	5,398,300	—	39
3,636,282	173,960	261,574	24,084	1,740,254	132,267	6,413,476	—	323,809	40
3,838,443	489	14,860	—	2,350,309	—	55,200,382	377,830	—	41
313,968	3,806	3,322	—	800,519	582	482,724	—	—	42
781,713	—	2,124	—	1,501,670	—	25,155,134	2,588,150	—	43
68,038	—	500	—	372,321	—	294,446	—	—	44
68,783	—	18,400	100	6,085,383	—	92,877,166	2,757,800	—	45
16,422	—	3,984	135	887,237	10,955	706,415	—	—	46
6,620,806	1,372	37,754	—	436,478	—	62,157,161	—	—	47
627,716	11,103	15,259	—	216,832	10,816	637,861	—	19,713	48
95,258,312	36,414	2,860,286	940,658	13,709,653	—	2,109,082,687	15,722,910	—	49
9,588,085	321,805	289,870	324,559	4,148,072	206,680	13,395,027	—	343,522	50

TABLE 13. Power Equipment in Use or Available for Use in the Non-Metallic Mineral Products Group at the End of 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
Prime movers:		
Steam engines	753	2,913
Steam turbines	3,117	1,295
Diesel engines	5,727	14,804
Gasoline, gas and oil engines, other than diesel engines	8,204	97,279
Hydraulic turbines or water wheels	-	31
Totals	17,801	116,322
Electric motors (one-quarter horsepower and over)	-	468,811



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